

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Moon et al.

Serial No.: 09/874,631

Filed: June 5, 2001

**For: FLEXIBLE BALL GRID ARRAY CHIP
SCALE PACKAGES AND METHODS OF
FABRICATION**

Examiner: S. Clark

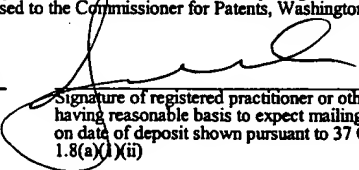
Group Art Unit: 2815

Attorney Docket No.: 4368US (99-0959)

CERTIFICATE OF MAILING

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1.8(a)(1)(ii)

Joseph A. Walkowski
Typed/printed name of person whose signature is
contained above

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. The listed documents are from co-pending applications Serial No. 10/150,653, filed May 17, 2002 and Serial No. 10/150,892, filed May 17, 2002. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as

defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

DOCUMENTS

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
4,807,021	02/1989	Okumura
5,366,794	11/1994	Nakao
5,385,869	01/1995	Liu et al.
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5,710,071	01/1998	Beddingfield et al.
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6,219,911 B1	04/2001	Estes et al.

Serial No.: 09/874,631

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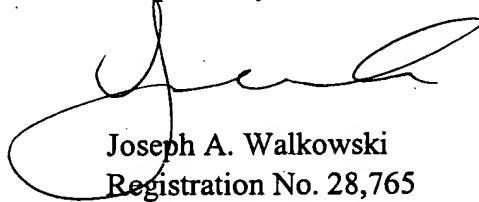
Other Documents

U. S. Patent Application entitled MICROELECTRONIC DEVICES AND METHODS OF MANUFACTURE, filed August 30, 2001, Serial No. 09/944,465.

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits. The fee pursuant to 37 C.F.R. § 1.17(p) is enclosed.

Respectfully submitted,



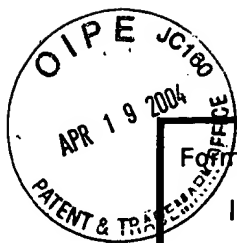
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Date: June 28, 2002

JAW/hlg:dln

Enclosures: Form PTO-1449
Copy of documents cited

N:\22694368\Supp IDS.wpd



Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
4368US (99-0959)

Application Number
09/874,631

Applicants Moon et al.

Filing Date June 5, 2001

Group Art Unit 2815

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,807,021	02/1989	Okumura			
	5,366,794	11/1994	Nakao			
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	5,719,449	02/1998	Strauss			

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						YES	NO

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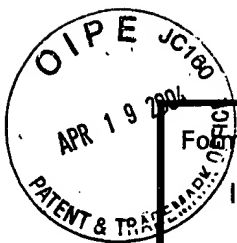
(Including Author, Title, Date, Pertinent Pages, Etc.)

		U. S. Patent Application entitled MICROELECTRONIC DEVICES AND METHODS OF MANUFACTURE, filed August 30, 2001, Serial No. 09/944,465.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



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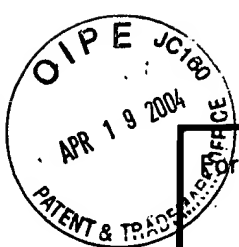
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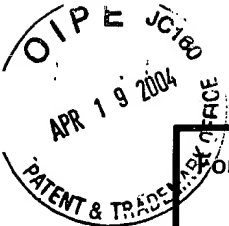
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	6,165,885	12/2000	Gaynes et al.			
	6,172,422 B1	01/2001	Chigawa et al.			
	6,179,598 B1	01/2001	Brand			
	6,191,487 B1	02/2001	Rodenbeck et al.			
	6,212,768 B1	04/2001	Murakami			
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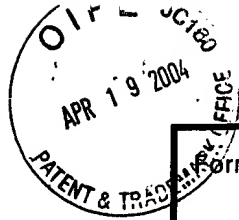
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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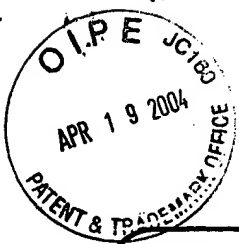
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/874,631
		Filing Date	June 5, 2001
		First Named Inventor	Moon et al.
		Group Art Unit	2815
		Examiner Name	S. Clark
Sheet 2 of 2	Attorney Docket Number	2269-43681JS (99-0959 00/1JS)	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ISAAK, H. et al., "Development of Flex Stackable Carriers" IEEE Electronic Components and Technology Conference, 2000 Proceedings 50 th , 5/21/2000-5/24/2000, Las Vegas, NV, USA, pp. 378-84, IEEE Catalog No: 00CH37070.	
		Copy of Australian Patent Office, Search Report, 30 May 2003, 4 pages.	

Examiner Signature		Date Considered	
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